

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	375	(73/19.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/05 10:57
S2	5	ground adj (pollution or contamination) with monitoring	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/28 10:32
S3	1065	(subsurface or sub adj surface) with (monitor or detect)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/28 11:28
S4	1154	(subsurface or sub adj surface or under adj ground) with (monitor or detect)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/28 11:28
S5	1810	(subsurface or sub adj surface or under adj ground) with (monitor or detect or detection)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/28 11:28
S6	45	S5 and (monitor or detect or detection) with compounds	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/28 11:29
S7	1152	filter and (sub subface or under adj ground or sub adj surface) with probe	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/28 11:55
S8	3005	(sub subface or under adj ground or sub adj surface) with probe	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/28 11:56
S9	437	S8 and pump	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/28 11:56
S10	1707	S8 and (sample or sampling)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/28 11:57
S11	275	S10 and pump	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/28 12:43

## EAST Search History

S12	8	(US-20040110306-\$ or US-20050061059-\$ or US-20040129058-\$).did. or (US-6746863-\$ or US-6666068-\$ or US-6565811-\$ or US-6405135-\$ or US-5445795-\$).did.	US-PGPUB; USPAT	OR	ON	2005/11/28 12:38
S13	6033576	surface (hole or penetration) with seal	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/28 12:44
S14	11031	surface with (hole or penetration) with seal	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/28 12:44
S15	5	surface with (hole or penetration) with seal with monitor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/28 13:02
S16	207	(sample or sampling) with soil adj (gas or vapor)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/28 13:02
S17	36	(US-20040110306-\$ or US-20050061059-\$ or US-20040129058-\$ or US-20030167861-\$ or US-20030155309-\$).did. or (US-6746863-\$ or US-6666068-\$ or US-6565811-\$ or US-6405135-\$ or US-5445795-\$ or US-6920780-\$ or US-6630947-\$ or US-6230820-\$ or US-6035950-\$ or US-6000481-\$ or US-5992213-\$ or US-5979569-\$ or US-5884714-\$ or US-5862512-\$ or US-5775424-\$ or US-5743343-\$ or US-5669454-\$ or US-5421419-\$ or US-4452091-\$ or US-4335622-\$ or US-2141261-\$ or US-2210546-\$ or US-2386832-\$ or US-3343421-\$ or US-3490288-\$ or US-4350051-\$).did. or (US-RE37066-\$ or US-6470967-\$).did. or (US-2284147-\$ or US-2210546-\$ or US-2141261-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 14:56
S18	2	S17 and (hole or penetration or aspiration) with seal	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 14:14
S19	2	S17 and (hole or penetration or aspiration) with seal	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 14:16

## EAST Search History

S20	2	S17 and (hole or penetration or aperture) with seal	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 14:16
S21	2	S17 and (hole or penetration or aperture) with seal	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 14:17
S22	3	S17 and (hole or penetration or aperture) with seal	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 14:23
S23	22	S17 and seal	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 14:23
S24	36	S17 and (gas or vapor)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 08:58
S25	0	"10800458".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 08:59
S26	6	"800458".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 08:59
S27	0	"10/800458".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 09:00
S28	6	"800458".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 09:00
S29	36	(US-20040110306-\$ or US-20050061059-\$ or US-20040129058-\$ or US-20030167861-\$ or US-20030155309-\$).did. or (US-6746863-\$ or US-6666068-\$ or US-6565811-\$ or US-6405135-\$ or US-5445795-\$ or US-6920780-\$ or US-6630947-\$ or US-6230820-\$ or US-6035950-\$ or US-6000481-\$ or US-5992213-\$ or US-5979569-\$ or US-5884714-\$ or US-5862512-\$ or US-5775424-\$ or US-5743343-\$ or US-5669454-\$ or US-5421419-\$ or US-4452091-\$ or US-4335622-\$ or US-2141261-\$ or US-2210546-\$ or US-2386832-\$ or US-3343421-\$ or US-3490288-\$ or US-4350051-\$). did. or (US-RE37066-\$ or US-6470967-\$).did. or (US-2284147-\$ or US-2210546-\$ or US-2141261-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 10:05

## EAST Search History

S30	36	S29 and (gas or vapor)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 10:06
S31	4	S30 and purge	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 11:06
S32	14	S30 and filter	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 11:06
S33	36	(US-20040110306-\$ or US-20050061059-\$ or US-20040129058-\$ or US-20030167861-\$ or US-20030155309-\$).did. or (US-6746863-\$ or US-6666068-\$ or US-6565811-\$ or US-6405135-\$ or US-5445795-\$ or US-6920780-\$ or US-6630947-\$ or US-6230820-\$ or US-6035950-\$ or US-6000481-\$ or US-5992213-\$ or US-5979569-\$ or US-5884714-\$ or US-5862512-\$ or US-5775424-\$ or US-5743343-\$ or US-5669454-\$ or US-5421419-\$ or US-4452091-\$ or US-4335622-\$ or US-2141261-\$ or US-2210546-\$ or US-2386832-\$ or US-3343421-\$ or US-3490288-\$ or US-4350051-\$). did. or (US-RE37066-\$ or US-6470967-\$).did. or (US-2284147-\$ or US-2210546-\$ or US-2141261-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 13:53
S34	15	("20010035057"   "4111034"   "4155247"   "4573354"   "4699570"   "4935196"   "5099437"   "5106232"   "5355739"   "5397552"   "5481927"   "5563335"   "6225633"   "6477907").PN. OR ("6666068").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 13:53
S35	15	("20010035057"   "4111034"   "4155247"   "4573354"   "4699570"   "4935196"   "5099437"   "5106232"   "5355739"   "5397552"   "5481927"   "5563335"   "6225633"   "6477907").PN. OR ("6666068").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:10
S36	19	("4565086"   "4593760"   "4625803"   "4660639"   "4759227"   "5031540"   "5099917"   "5161613"   "5190108").PN. OR ("5481927").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:21

## EAST Search History

S37	9335	volatile adj organic adj compounds	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:22
S38	1329	S37 and soil	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:22
S39	919	S37 and (soil or gas) with (test of monitor)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:23
S40	432	S37 and VOC with (test or sample or monitor)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:25
S41	18	("2959397"   "3929411"   "4310057"   "4807707"   "4999164"   "5007488"   "5035149"   "5146998"   "5150622"   "5297954"   "5337838"   "5381699").PN. OR ("5587538").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 15:58
S42	3	hydro adj carbon same VOC	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 16:40
S43	185	(73/31.07).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/29 16:53
S44	196	(73/863.33).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/29 16:53
S45	6	"800458".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 08:30

## EAST Search History

S46	44	(US-20040110306-\$ or US-20050061059-\$ or US-20040129058-\$ or US-20030167861-\$ or US-20030155309-\$).did. or (US-6746863-\$ or US-6666068-\$ or US-6565811-\$ or US-6405135-\$ or US-5445795-\$ or US-6920780-\$ or US-6630947-\$ or US-6230820-\$ or US-6035950-\$ or US-6000481-\$ or US-5992213-\$ or US-5979569-\$ or US-5884714-\$ or US-5862512-\$ or US-5775424-\$ or US-5743343-\$ or US-5669454-\$ or US-5421419-\$ or US-4452091-\$ or US-4335622-\$ or US-2141261-\$ or US-2210546-\$ or US-2386832-\$ or US-3343421-\$ or US-3490288-\$ or US-4350051-\$). did. or (US-RE37066-\$ or US-6470967-\$ or US-6225633-\$ or US-5481927-\$ or US-6272938-\$ or US-6176326-\$ or US-5887491-\$ or US-4807707-\$ or US-4310057-\$ or US-5522271-\$).did. or (US-2284147-\$ or US-2210546-\$ or US-2141261-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 11:11
S47	414	(73/864.73).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 09:17
S48	197	(73/864.74).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 09:17
S49	469	S47 or S48 and soil	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/30 09:18
S50	5	S46 and purge	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 11:15
S51	28	S46 and seal	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 12:52

## EAST Search History

S52	44	(US-20040110306-\$ or US-20050061059-\$ or US-20040129058-\$ or US-20030167861-\$ or US-20030155309-\$).did. or (US-6746863-\$ or US-6666068-\$ or US-6565811-\$ or US-6405135-\$ or US-5445795-\$ or US-6920780-\$ or US-6630947-\$ or US-6230820-\$ or US-6035950-\$ or US-6000481-\$ or US-5992213-\$ or US-5979569-\$ or US-5884714-\$ or US-5862512-\$ or US-5775424-\$ or US-5743343-\$ or US-5669454-\$ or US-5421419-\$ or US-4452091-\$ or US-4335622-\$ or US-2141261-\$ or US-2210546-\$ or US-2386832-\$ or US-3343421-\$ or US-3490288-\$ or US-4350051-\$). did. or (US-RE37066-\$ or US-6470967-\$ or US-6225633-\$ or US-5481927-\$ or US-6272938-\$ or US-6176326-\$ or US-5887491-\$ or US-4807707-\$ or US-4310057-\$ or US-5522271-\$).did. or (US-2284147-\$ or US-2210546-\$ or US-2141261-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 12:52
S53	28	S52 and (seal or sealant)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 13:36
S54	0	(73/863.34).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 13:37
S55	474	(73/864.34).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 14:36
S56	26	S52 and pump	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/30 14:36

## EAST Search History

S57	44	(US-20040110306-\$ or US-20050061059-\$ or US-20040129058-\$ or US-20030167861-\$ or US-20030155309-\$).did. or (US-6746863-\$ or US-6666068-\$ or US-6565811-\$ or US-6405135-\$ or US-5445795-\$ or US-6920780-\$ or US-6630947-\$ or US-6230820-\$ or US-6035950-\$ or US-6000481-\$ or US-5992213-\$ or US-5979569-\$ or US-5884714-\$ or US-5862512-\$ or US-5775424-\$ or US-5743343-\$ or US-5669454-\$ or US-5421419-\$ or US-4452091-\$ or US-4335622-\$ or US-2141261-\$ or US-2210546-\$ or US-2386832-\$ or US-3343421-\$ or US-3490288-\$ or US-4350051-\$). did. or (US-RE37066-\$ or US-6470967-\$ or US-6225633-\$ or US-5481927-\$ or US-6272938-\$ or US-6176326-\$ or US-5887491-\$ or US-4807707-\$ or US-4310057-\$ or US-5522271-\$).did. or (US-2284147-\$ or US-2210546-\$ or US-2141261-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 16:12
S58	26	S57 and pump	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/11/30 16:12



## EAST Search History

S59	44	(US-20040110306-\$ or US-20050061059-\$ or US-20040129058-\$ or US-20030167861-\$ or US-20030155309-\$).did. or (US-6746863-\$ or US-6666068-\$ or US-6565811-\$ or US-6405135-\$ or US-5445795-\$ or US-6920780-\$ or US-6630947-\$ or US-6230820-\$ or US-6035950-\$ or US-6000481-\$ or US-5992213-\$ or US-5979569-\$ or US-5884714-\$ or US-5862512-\$ or US-5775424-\$ or US-5743343-\$ or US-5669454-\$ or US-5421419-\$ or US-4452091-\$ or US-4335622-\$ or US-2141261-\$ or US-2210546-\$ or US-2386832-\$ or US-3343421-\$ or US-3490288-\$ or US-4350051-\$). did. or (US-RE37066-\$ or US-6470967-\$ or US-6225633-\$ or US-5481927-\$ or US-6272938-\$ or US-6176326-\$ or US-5887491-\$ or US-4807707-\$ or US-4310057-\$ or US-5522271-\$).did. or (US-2284147-\$ or US-2210546-\$ or US-2141261-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/01 08:03
S60	46	(US-20040110306-\$ or US-20050061059-\$ or US-20040129058-\$ or US-20030167861-\$ or US-20030155309-\$).did. or (US-5887491-\$ or US-5884714-\$ or US-6000481-\$ or US-5992213-\$ or US-6470967-\$ or US-6035950-\$ or US-5862512-\$ or US-5979569-\$ or US-3343421-\$ or US-2386832-\$ or US-5775424-\$ or US-5743343-\$ or US-6405135-\$ or US-4335622-\$ or US-4310057-\$ or US-6289714-\$ or US-5669454-\$ or US-RE37066-\$ or US-6176326-\$ or US-6666068-\$ or US-5445795-\$ or US-5421419-\$ or US-4807707-\$ or US-6920780-\$ or US-6746863-\$ or US-4452091-\$). did. or (US-5522271-\$ or US-5481927-\$ or US-2141261-\$ or US-6272938-\$ or US-4350051-\$ or US-2210546-\$ or US-5889217-\$ or US-6230820-\$ or US-6225633-\$ or US-3490288-\$ or US-6630947-\$ or US-6565811-\$).did. or (US-2141261-\$ or US-2284147-\$ or US-2210546-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/05 09:09

## EAST Search History

S61	462	(VOC or volatile adj organic adj compound) same (seal sealant)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/05 09:13
S62	123	(VOC or volatile adj organic adj compound) same (seal sealant) same (ground facility surface)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/05 09:13
S63	371	(73/19.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/05 10:57
S64	190	(73/31.07).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/05 10:57
S65	16	("20010035057"   "4111034"   "4155247"   "4573354"   "4699570"   "4935196"   "5099437"   "5106232"   "5355739"   "5397552"   "5481927"   "5563335"   "6225633"   "6477907").PN. OR ("6666068").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/05 11:50